

Figures 1A-24  
with the sequence  
Figures 1A-24

Figure 1A

1 agagagcagctcccttccccctcggcgaggaggaaggaagaagaagccagagagagagag  
61 agagatcatcgcagcttctcctccgaccatttgactgcgactgtgattacaacacaccgt  
121 tgatcctacgaaaaagaggtaaatggatactggcggaattcgctggcgctccggacctgat  
M D T G G N S L A S G P D 13  
181 ggtgtgaagaggaaagtttgttattttctatgacctgaggtcggcaattactactatggc  
G V K R K V C Y F Y D P E V G N Y Y Y G 33  
241 caaggtcatcccatgaagccccatcgcacccatgacccatgccctcctcgctcactac  
Q G H P M K P H R I R M T H A L L A H Y 53  
301 ggtctccttcagcatatgcaggtttctcaagcccttccctgcccgcgaacgtgatctctgc  
G L L Q H M Q V L K P F P A R E R D L C 73  
361 cgcttccacgcccagcactatgtctcttttctccgcagcattacccttgaaacccagcaa  
R F H A D D Y V S F L R S I T P E T Q Q 93  
421 gatcagattcgccaacttaagcgcttcaatggttggtgaagactgtcccgctctttgacggc  
D Q I R Q L K R F N V G E D C P V F D G 113  
481 ctttattccttttggcagacctatgctggaggatctggttggtggtctctgtcaagcttaac  
L Y S F C Q T Y A G G S V G G S V K L N 133  
541 caccggcctctgcgatattgccatcaactgggctggtggtctccatcacgctaagaagtg  
H G L C D I A I N W A G G L H H A K K C 153  
601 gaggcctctggccttctgttacgtcaatgatctgctcttagctatcctagagctccttaag  
E A S G F C Y V N D I V L A I L E L L K 173  
661 cagcatgagcgtgttctttatgtcgatattgatatccaccacggggatggagtgaggag  
Q H E R V L Y V D I D I H H G D G V E E 193  
721 gcattttatgctactgacaggggttatgactgtctcgtttcataaatttggtgattacttt  
A F Y A T D R V M T V S F H K F G D Y F 213  
781 cccgggtacaggtcacattcaggatatagggttatggtagcggaaagtactattctctcaat  
P G T G H I Q D I G Y G S G K Y Y S L N 233  
841 gtaccactggatggaatcgatgatgagagctatcatctgttattcaagcccatcatg  
V P L D D G I D D E S Y H L L F K P I M 253  
901 gggaaagtattggaatttttccgaccaggggctgtggtattgcaatgtggtgctgactcc  
G K V M E I F R P G A V V L Q C G A D S 273  
961 ctatctggggatcggttaggttgcttcaatctttcaatcaaaggtcatgctgagtgcgtc  
L S G D R L G C F N L S I K G H A E C V 293  
1021 aaatttatgagatcggttcaatgttccctactgctcttgggtggtggtggttaccatc  
K F M R S F N V P L L L L G G G G Y T I 313  
1081 cgcaatgttgcgggttgcgtggtgctacgagactggagttgcacttggagttgaagttgaa  
R N V A R C W C Y E T G V A L G V E V E 333  
1141 gacaagatgccggagcatgaatattatgaatactttggtccagactatacacttcacgtt  
D K M P E H E Y Y E Y F G P D Y T L H V 353  
1201 gctccaagtaacatggaaaataagaattctcgtcagatgcttgaagagattcgcaatgac  
A P S N M E N K N S R Q M L E E I R N D 373  
1261 cttctccacaatctctctaagcttcagcatgctccaagtgtaccatttccaggaaagacca  
L L H N L S K L Q H A P S V P F Q E R P 393  
1321 cctgatacagagactccccgaggttgatgaagaccaagaagatggggataaaaagatgggat  
P D T E T P E V D E D Q E D G D K R W D 413  
1381 cccgattcagacatggatggttgatgatgaccgtaaacctataccaagcagagtaaaaaga  
P D S D M D V D D D R K P I P S R V K R 433  
1441 gaagctgttgaaccagatacaaaggacaaggatggactgaaaggaattatggagcgtgga  
E A V E P D T K D K D G L K G I M E R G 453  
1501 aaaggttgtgaggtggaggtggatgagagtgaagcactaaggttacaggagtaaaccca  
K G C E V E V D E S G S T K V T G V N P 473  
1561 gtgggagtgagggaagcaagtgtgaaaatggaagaggaaggaacaaacaaggggtggggcg  
V G V E E A S V K M E E E G T N K G G A 493  
1621 gagcaggcgttttctcctaaaacataagactcggagcttctaatttcttgctactttttc  
E Q A F P P K T \* 502  
1681 tgtctatcaaattgttgctagttaagtttctggagttgttgttgttgaagcactcctctg  
1741 ttttagaggattgagcacggatattgtatttattcgttgcatgtctgaatgatgatgat  
1801 atgacaa

Figure 1B

1 gtgcccacaactcctagtaatgactttctcaggcattgttgacacaaaattttgctctgag  
61 taaaacttggaatagagagagactctgagttagagagagattctgagttagagagacggag  
121 atggaggcagacgaaagcgcatctctctgccgtcgggacccgacggacgtaagcggcga  
M E A D E S G I S L P S G P D G R K R R 20  
181 gtcagttacttctacgagccgacgatcggagactactactacgggtcaaggccacccgatg  
V S Y F Y E P T I G D Y Y Y G Q G H P M 40  
241 aagcctcaccggatccgtatgggtcatagcctaatactcactatcacctccacccgtcgc  
K P H R I R M A H S L I I H Y H L H R R 60  
301 ttagaaatcagtcgcccctagcctcgtgacgcctccgatatcgggccgattccattcgccg  
L E I S R P S L A D A S D I G R F H S P 80  
361 gagtatgttgacttctcctcgttccgtttcgccggaatctatgggagatccttccgctgca  
E Y V D F L A S V S P E S M G D P S A A 100  
421 cgaaacctcaggcgattcaatgtcgggtgaggattgtcctgtcttcgacggactttttgat  
R N L R R F N V G E D C P V F D G L F D 120  
481 ttttgccgtgcttccgcccggaggttctattgggtgctgcccgtcaaattaaacagacaggac  
F C R A S A G G S I G A A V K L N R Q D 140  
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A D I A I N W G G G L H H A K K S E A S 160  
601 gggttttgctatgtaaacgacatcgctgctagggattctggagttgctcaagatgtttaag  
G F C Y V N D I V L G I L E L L K M F K 180  
661 cgggttctctacatagatattgatgtccaccatggagatggagtggagaagcggttttac  
R V L Y I D I D V H H G D G V E E A F Y 200  
721 accactgatagagttatgactgtttctttccacaaaatttggggactttttccaggaact  
T T D R V M T V S F H K F G D F F P G T 220  
781 ggtcacataagagatgttggcgctgaaaaagggaaatactatgctctaaatgttccacta  
G H I R D V G A E K G K Y Y A L N V P L 240  
841 aacgatggatggacgatgaaagtttccgcagcttgttttagacctcttatccagaagggt  
N D G M D D E S F R S L F R P L I Q K V 260  
901 atggaagtgtatcagccagaggcagttgttcttcagtgtggtgctgactccttaagtgggt  
M E V Y Q P E A V V L Q C G A D S L S G 280  
961 gatcgggttgggttgccttcaacttatcagtcaagggtcacgctgattgccttcgggttctta  
D R L G C F N L S V K G H A D C L R F L 300  
1021 agatcttacaacgttccctctcatggtgttgggtggtgaagggtatactattcgaaatgtt  
R S Y N V P L M V L G G E G Y T I R N V 320  
1081 gcccggttgcgtggtgttatgagactgcagttgctgttggagttagagccggacaacaaactc  
A R C W C Y E T A V A V G V E P D N K L 340  
1021 ccttacaatgagtattttgagtatttccgcccagattatagccttcagtgcgacccaagt  
P Y N E Y F E Y F G P D Y T L H V D P S 360  
1201 cctatggagaattttaaacacgcccagaatgatggagaggataaggaacacgttgctggaa  
P M E N L N T P K D M E R I R N T L L E 380  
1261 caactttcgggactaatacacgcacctagcgtccagtttcagcacacaccaccaggtcaat  
Q L S G L I H A P S V Q F Q H T P P V N 400  
1321 cgagtttttgagcagagccggaagatgacatggagacaagacaaaacctcgcatctggagt  
R V L D E P E D D M E T R P K P R I W S 420  
1381 ggaactgagacttatgaatcagacagtgacgatgatgataaacctcttcattggttactca  
G T A T Y E S D S D D D D K P L H G Y S 440  
1441 tgtcgtggtggcgcaactacggacagggactctaccggtgaagatgaaatggatgacgat  
C R G G A T T D R D S T G E D E M D D D 460  
1501 aaccagagccagacgtgaatcctccatcgtcttaaacagcttgatgggttgggtgtctc  
N P E P D V N P P S S \* 471  
1561 ttttgccatatgataatgtcggcagatttaagaaacaagttaggggaatgaatgattctt  
1621 tgatgttttttcagcaaccttttgagttctgtgaaaacgctgcattgattagaacagtg  
1681 caactgactagtattttggcccaagttagaaaatcagaatatgtgaaaaaaaaaaaaaa  
1741 aaaaaaaaggcgccgctctagaggatccaagcttacgtacgcgtgcatgcgacgtcat

FIGURE 2

A

1 caccgcctccgtaaaaatcctctctctctctctcaaccttgattcttagccatggagttcttg  
M E F W 4  
61 ggaattgaagttaaatcaggaaagccagttacagtgactcctgaagaaggcattcttacc  
G I E V K S G K P V T V T P E E G I L I 24  
121 caccgtctctccaggcatcgcttggaatgtaaaaacaagaaggagaggtttgtgctctta  
H V S Q A S L G E C K N K K G E F V P L 44  
181 catgtaaaggttgggaaccagaacttgggttctgggaactctatcgactgagaacatccct  
H V K V G N Q N L V L G T L S T E N I P 64  
241 cagctctctctgtgattctgggtattcgacaaggagtttgagctctctcacttggggaaaa  
Q L F C L V F D K E F E L S H T W G K 84  
301 ggaagtgtttactttgttggtatcaaaaactcccaacattgagccacaaggctattctgag  
G S V Y F V G Y K T P N I E P Q G Y S E 104  
361 gaagaagaggaagaagaggaagaagttcctgctgggaatgctgccaaggctgtagctaaa  
E E E E E E E E V P A G N A A K A V A K 124  
421 ccaaaggctaagcctgcagaagtgaagccagctgttgatgatgaagaggatgagcttgat  
P K A K P A E V K P A V D D E E D E S D 144  
481 tctgacggaatggatgaagatgattctgatggtgaggattctgaggaagaagagcctaca  
S D G M D E D D S D G E D S E E E E P T 164  
541 cctaagaagcctgcattcaagcaagaagagagctaattgaaactacctctaaagcacctgtg  
P K K P A S S K K R A N E T T P K A P V 184  
601 tcagcaaagaaggcgaaagttagcagttactcctcagaaaaacagatgagaagaagaagg  
S A K K A K V A V T P Q K T D E K K K G 204  
661 ggaaaggctgcaaaccagagcccaaagtccggccagtcaagtcctcatgtggttcatgcaag  
G K A A N Q S P K S A S Q V S G S K 224  
721 aagactttcaactcagggaatgcacttgagtctcacaacaaggccaagcacgctgctgcc  
K T F N S G N A L E S H N K A K H A A A 244  
781 aagtgaagtgggtttcttattagagcttctgatttctatggaattttgcctgtagctctta  
K 245  
841 tgaaaccttcggattttcttatattttcttttgataacaagagtccttaatgaaagagagc  
cagttggagtcttaaaaaaaaaaaaaaaaaagggcggccgc

**FIGURE 2**

B

1 gtccttccgcttcttaaaaaaaacctaacaacctctctctctctctctcctcgctccaacaaca  
61 atggagcttctggggagcttgaggacaccaaaaacgctactaaggtgactctctgaagaa 20  
M E F W G V A V T P K N A T K V T P E E  
121 gacagccttctgccacattctcaggcttctcacttgaccgcacagtgaatctggagaatct 40  
D S L V I S Q A S L D C T V K S G E S  
181 gtggcttcttgagctgactgtgggtggggctaaactctgctattggaaacattctcacaaagac 60  
V V L S V T V G G A K L V I G T L S Q D  
241 aagttccccagatttagcttctgattctggcttcttgataaagagcttctgagcttctcacacagc 80  
K F P Q I S F L V F D K E F E L S H S  
301 ggtaaccaaaagcaaatgttcatcttctcattggctacaaatcccccaaacatcgagctaggatgac 100  
G T K A N V H F I G Y K S P N I E Q D D  
361 ttcactagctcggatgatgaggatgttctctgaagctgttctctgctctctgcccctactgct 120  
F T S S D D E D V P E A V P A P A P T A  
421 gttactgccaacggaaatgtctggagcagctgtctgcaaggctgacacaaaagccaaagggc 140  
V T A N G N A G A A V V K A D T K P K A  
481 aaacctgcccgaagtgaagcctgcagaagagaagcctgaatcagacgaggaagatgagctt 160  
K P A E V K P A E E K P E S D E E D E S  
541 gatgatgaagatgagctctgaagaggatgatgactctgagaaaggaatggatgtctgatgaa 180  
D D E D E S E E D D D S E K G M D V D E  
601 gatgactcagatgatgacgaggaggaggtctctgaggatgaagaagaggaggagactctt 200  
D D S D D D E E D S E D E E E E T P  
661 aagaagccttgagccaatccaacaagaagaggccaaatgaatctgctatccaaaacacctgctc 220  
K K P E P I N K K R P N E S V S K T P V  
721 tctggaaaagaaggcaaaaccagcagcagcaccagcttcttactctctcagaagacagagaag 240  
S G K K A K P A A P A S T P Q K T E K  
781 aagaaaaggaggacacaccgcccacaccacacccagctaaagaagggtggaaagtcttctgctg 260  
K K G G H T A T P H P A K K G G K S P V  
841 aatgcttaaccagagccccaaagtctggagggtcaatcatctcgggtggttaacaacaacaagaag 280  
N A N Q S P K S G G Q S S G G N N N K K  
901 ccattcaactcaggcaaaacaaattctgggtgggttccaacaacaagggttcttaacaaggggcaag 300  
P F N S G K Q F G G S N N K G S N K G K  
961 ggaaaagggtagagcttaaggacgtggatcaaaggagaggtcttgggtcttctgagtagatga 305  
G K G R A -  
1021 tgaaaaacacttggaaagtgtggcttctggattcttcttcttcttcttcttcttcttcttcttctt 320  
1081 tcggatgagctatcttctgagtatcttctgcaatcttcttcttcttcttcttcttcttcttcttctt 340  
1141 tacttctgctgaatatgagaagaagactcgaattcgcaaacaaaaaaaaaaaaaaaaaaaaaaaaaaa 360  
1201 aagggcgggcgcg

# FIGURE 3

AtRPD3A	ME-----TGG	NSLASVGPDC	VKEKVCYFYI	FEVGNVYYGC	GHPMKPHRIE	45
AtRPD3B	MEADESII--	-SLPS-GPDC	PKERVSYFYE	ETIGDYVYGC	GHPMKPHRIE	47
ZmRPD3	MEPSSAGSGG	NSLPSVGPDC	QKERVVCYFYI	PDVGNVYYGC	GHPMKPHRIE	50
RPD3	MYEATPFD-	---IITVKPS	CKERVVAYFYI	ADVGNVAYGA	GHPMKPHRIE	46
AtRPD3A	MTHALLAHYG	LIQHNOVLKE	FPAREDCLCF	EHALDYVSEI	RSITPPTOOI	95
AtRPD3B	MAHSLIIYH	LIHRRLEISR	SLATASLIGF	EHSPDYVDFI	ASVSPESMGE	97
ZmRPD3	MTHTSLIRYG	LIHNOVYRE	NPARERELCF	EHPEEYINFI	RSVTPETOOI	100
RPD3	MAHSLIMNYG	LYKMEIYFA	KPETKCEMCO	EHTEDEYIDFI	SRVTPDNLEM	96
AtRPD3A	OI--GOLKRE	NVGEDCPVFI	GLYSECOTYA	EGSVGGSVKI	NHGLCDIATN	143
AtRPD3B	PSAAEMIRRE	NVGEDCPVFI	GI FDECRASE	EGSICAAVKI	NRODADIAIN	147
ZmRPD3	OI--GOLKRE	NVGEDCPVFI	GLYSECOTYA	EASVGGAVFI	NHGH-DIATN	148
RPD3	--FKGESVKE	NVGDCPVEFI	GLYEYCSISG	EGSMEGARFI	NRKCTVAVN	144
AtRPD3A	WAGGLHHAKK	CEASGFCYVN	DIVLAILELI	KCHERVLYVE	IDIHGGDGEV	193
AtRPD3B	WGGGLHHAKK	SEASGFCYVN	DIVLGILELI	KMEKRVLYVE	IDVHHGGDGEV	197
ZmRPD3	WGGGLHHAKK	CEASGFCYVN	DIVLAILELI	KHCHRVLYVE	IDIHGGDGEV	198
RPD3	YAGGLHHAKK	SEASGFCYLN	DIVLGILELI	RVEPRVLYVE	IDVHHGGDGEV	194
AtRPD3A	EAFYANDRVN	IVSEHKEGDY	EEGTGHIQDI	EYESGKYYSI	NVPLDDGIDI	243
AtRPD3B	EAFYTIDRVN	IVSEHKEGDF	EEGTGHIREV	EAEGKGYYSI	NVPLDDGIDI	247
ZmRPD3	EAFYTIDRVN	IVSEHKEGDY	EEGTGDIRDI	CHSKGKYYSI	NVPLDDGIDI	248
RPD3	EAFYTIDRVN	IVSEHKEYGE	EEGTGELRDI	EVEAGKNYEV	NVPIIDGIDI	244
AtRPD3A	ESYHLEKPI	MGKVMIEIRE	EAVVLOCGAI	SLSGDRLGCE	NLSIKGHAEC	293
AtRPD3B	ESFRSLEREL	MGKVMIEVQE	EAVVLOCGAI	SLSGDRLGCE	NLSVKGHAEC	297
ZmRPD3	ESYCSLEKPI	MGKVMIEVERE	EAVVLOCGAI	SLSGDRLGCE	NLSIKGHAEC	298
RPD3	ATYRSVEEEV	IKKIMEWYQE	EAVVLOCGGE	SLSGDRLGCE	NLSMEGHANC	294
AtRPD3A	VKEMRSENVE	LLILGGGGYT	IRNVARCWCY	ETGVALGVEV	EDKMEHEHYV	343
AtRPD3B	LRELRSYWE	LLWLGGGGYT	IRNVARCWCY	ETAVAVGVEE	ENKLEPYNEY	347
ZmRPD3	VRYMRSENVE	LLILGGGGYT	IRNVARCWCY	ETGVALGCEE	EDKMEVNEYV	348
RPD3	VNVVKSEFIE	MLNVGGGGYT	MRNVARTWCF	ETGLLNNEVL	ENKLEPYNEYV	344
AtRPD3A	EYEGPDYTLH	VAPSNMENKN	SRQMLEEIRN	DLIHNLSKIQ	HAPSVPEOEF	393
AtRPD3B	EYEGPDYTLH	VDPNMMENKN	TPKDYERTRN	TLIHNLSGLI	HAPSVVOFOH	397
ZmRPD3	EYEGPDYTLH	VAPSNMENKN	TRQQLDDIRS	----KLSKIR	HAPSVHGOEF	394
RPD3	EYEGPDYKIS	VRESNMFVVE	TPEYLDVMT	NIENLIENTK	YAPSVCLNHT	394
AtRPD3A	EDITEPEVFI	EDCELGCKRW	DPDSMDVDVI	E-----E	KEIPSEVKRE	435
AtRPD3B	DEVNRVLD--	-----	EPEDDME--	-----TE	KE---RIWSG	421
ZmRPD3	VEDTEIEECI	EDCDPELESH	DPDSMDVDVI	HKAVEECSR	SILGIKIKRE	444
RPD3	E-----E	-----E	EAEELGDEEE	ESA-----	-----	408
AtRPD3A	AVEPDIKDKI	ELAGIMERCK	ECEVEVDESE	STAVT---GV	NPVGEVEAS-	481
AtRPD3B	TATYESDSC	DDAPL--HGY	SE-----	--RGGATTIR	DSTGEDEMDE	459
ZmRPD3	FGDNAIRVCI	EGRVASDE-R	ELPMAEDIG	SSQAPQABA	SAMAIDEPSN	493
RPD3	-----	-----	-----	-----	-----EKKI	412
AtRPD3A	VKMEEGTNG	GGAECEFEPS	T			502
AtRPD3B	DNPSEDVNP-	-----ESS				471
ZmRPD3	VKNSEPSST	LOGQAAYH	P			514
RPD3	TKGGSQYARD	LHVEHDNEFY				422

FIGURE 4

AtHD2A	MEFWGIEVKS	GKPVTVTPPEE	GILIHVSQAS	LGECKNKKGE	FVPLHVKVGN	50
AtHD2B	MEFWGVAVTE	KNATKVTPEE	DSLVIHSQAS	L-DCTVKSSE	SVVLSVTVGG	49
ZmHD2	MEFWGLEVKF	GSTVKCEEGY	GFVLHLSQLA	LGE	KKSD NALMYVKIDD	48
AtHD2A	QNLVLGTLST	ENIPQLFCDL	VFDKEFELSH	TWGKGSVYFV	GYKTPNIEPQ	100
AtHD2B	AKLVIGTLSQ	DKFPQISFDL	VFDKEFELSH	SGTKANVHEI	GYKSPNIEQD	99
ZmHD2	OKLAIGTLSV	DKNEPHIQFDL	IFDKEFELSH	TSKTTSVFET	GYKVEQPFEE	98
AtHD2A	GYSEEEEEEE-	EEEVPAGNAA	-----	---KAVAKPK	AKPAEVKPAV	136
AtHD2B	DFTSSDEEDV	PEAVPAEAPT	AVTANGNAGA	AVVKADTKPK	AKPAEVKPAE	149
ZmHD2	DEMOLDSECE	DEELNVF---	VVKENGKADE	KKQKSQEKAV	AAEKSSSPDS	145
AtHD2A	----DDEEDE	SDS-C-----	-----GMD	EDDSDGEDSE	EEE-----	162
AtHD2B	EKPESDEEDE	SDDECESEED	--DDSEKGMD	VDEDDSDDE	EELSEDEEEE	197
ZmHD2	KKSKDDDDSD	ECETDDSDDE	ETDDSDDEGLS	SEEGDDSSSD	EDDTSDEEEE	195
AtHD2A	PTE--KKPAS	-SKKRANETT	PKAPVSAKKA	KVAV----TE	OKTDEKK---	202
AtHD2B	ETE--KKPEP	INKKRPNESV	SKTPVSGKKA	KPAAPASTTE	OK-----TEK	240
ZmHD2	DTETPKKPEV	GKKRPAESSV	LKTELSDKKA	KVATPSS---	OKTGCK----	238
AtHD2A	-KGGKA-----	-----	-----AN	QSPKSASQVS	CGSC-KKTFN	229
AtHD2B	KKGG--HTAT	PHPAK-----	KGGKSPVNAN	QSPKSGGQSS	GCNNNKKPFN	283
ZmHD2	-KGAAVEHVAT	PHPAKGKTIV	NNDKSVKSPK	SAPKSGGSVP	CKPCKSK-SFI	287
AtHD2A	SGNALE-SHN	KAKHAAAK				245
AtHD2B	SGKQFGGSNN	KGSNKGKGKG	RA			305
ZmHD2	SETALQA-HS	RAKMGASESQ	VQ			308

FIGURE 5

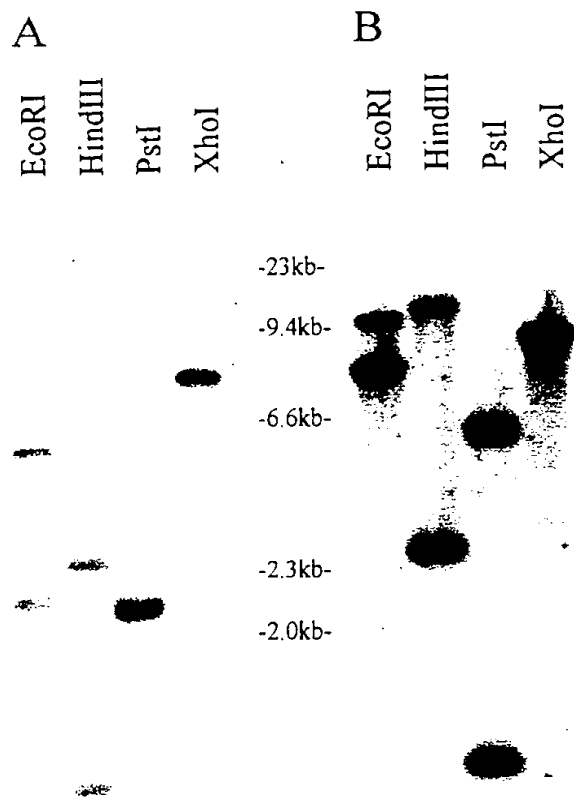


FIGURE 6

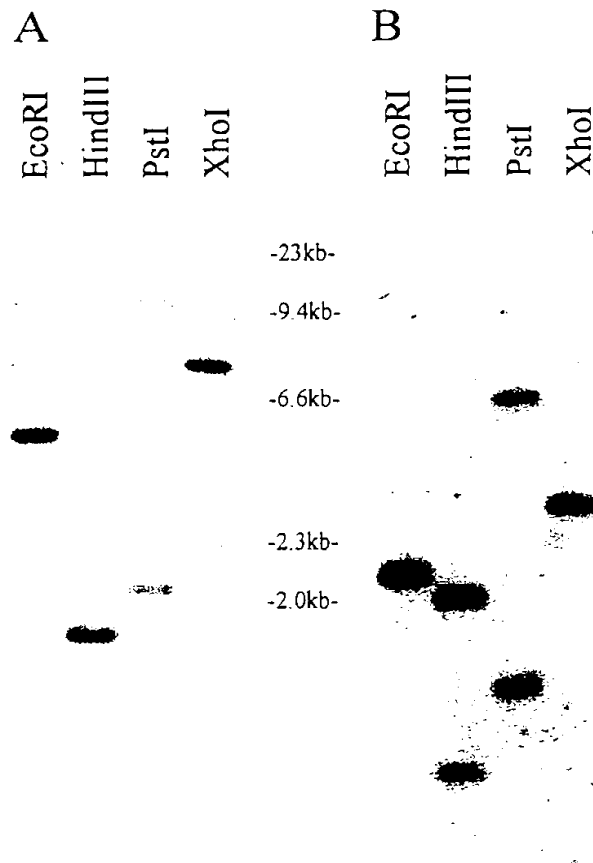


FIGURE 7

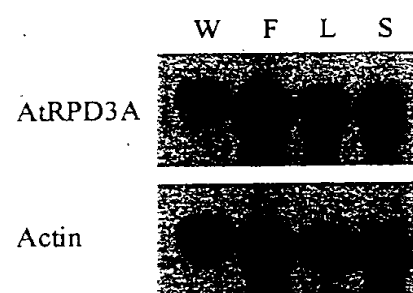


FIGURE 8

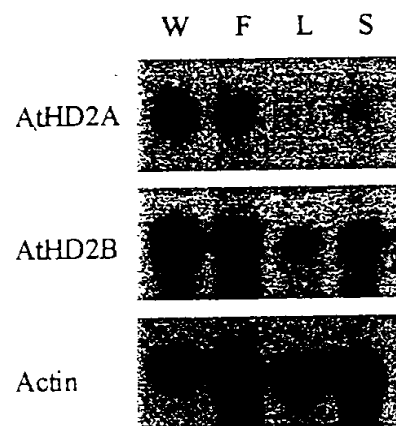
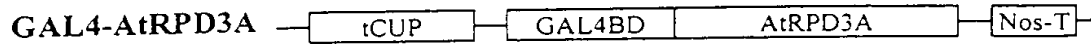


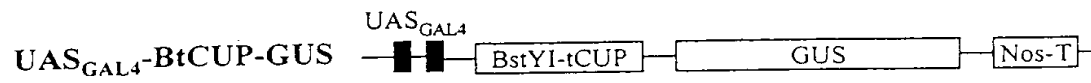
FIGURE 9

A

Effector Plasmids



Reporter Plasmid



B

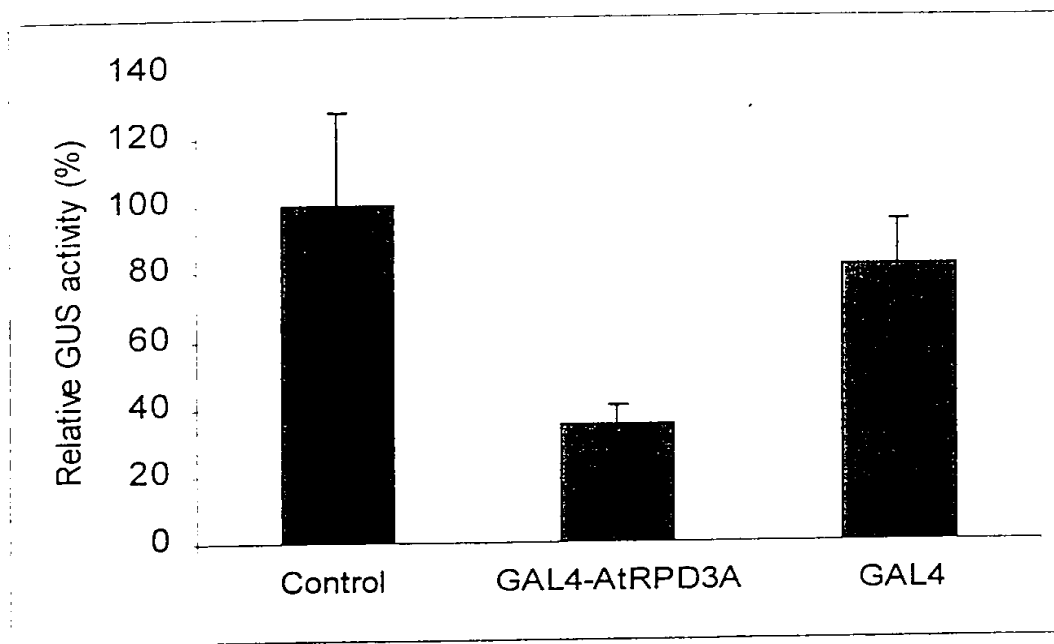
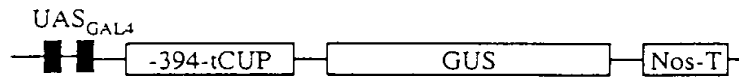


Figure 10

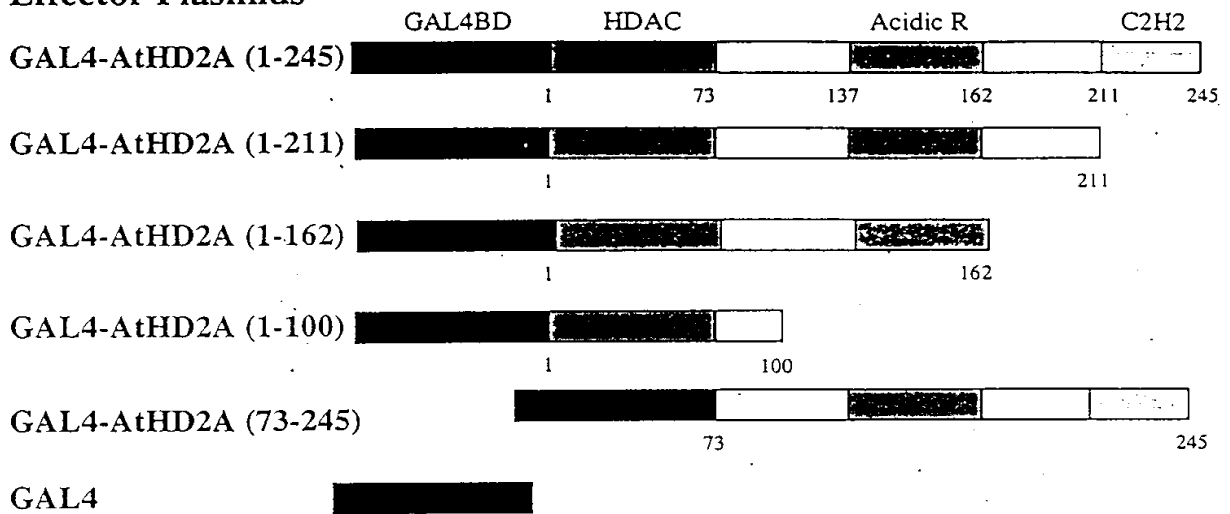
A

Reporter Plasmid

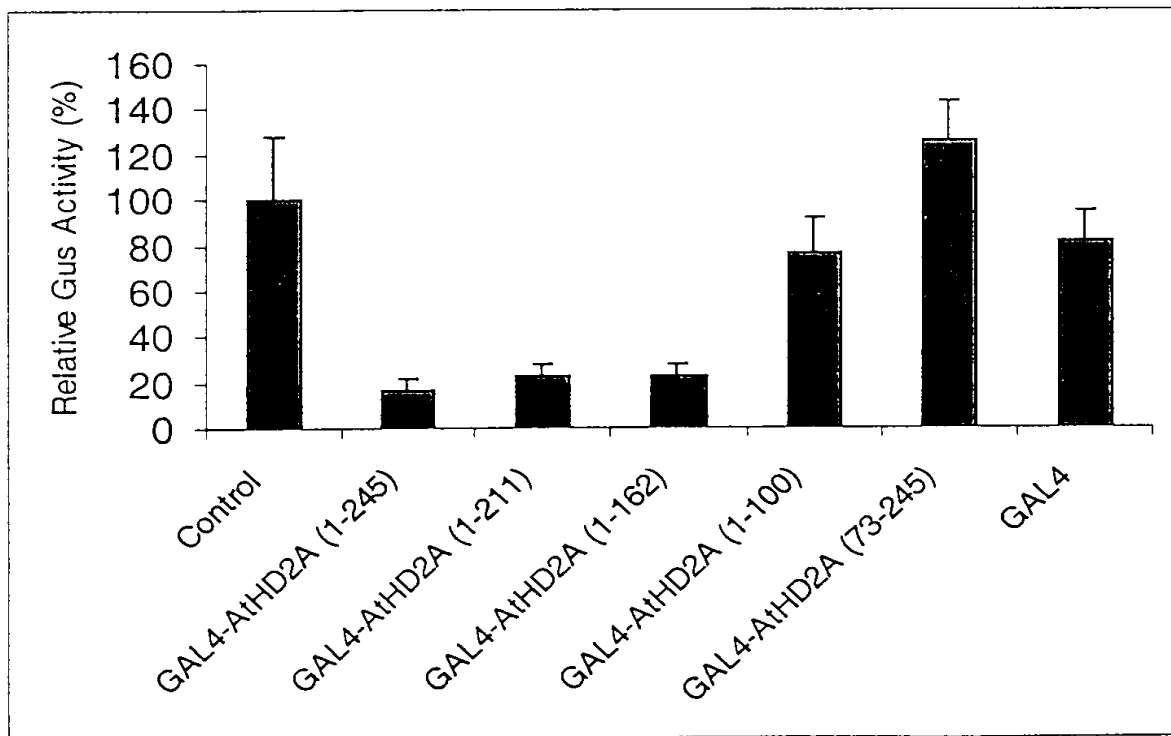
UAS<sub>GAL4</sub>-tCUP-GUS



Effector Plasmids

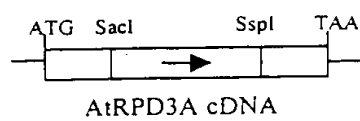


B



**FIGURE 11**

**A**



**B**

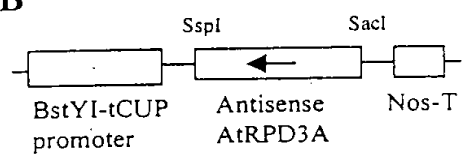


FIGURE 12

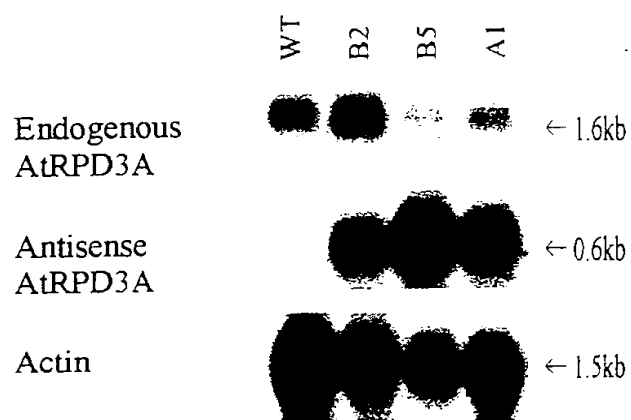


FIGURE 13

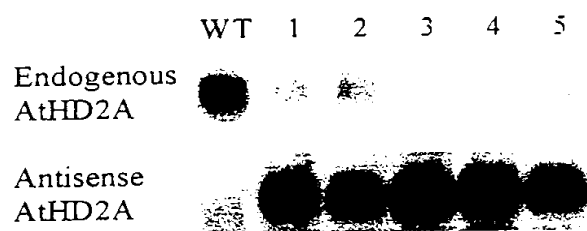


FIGURE 14

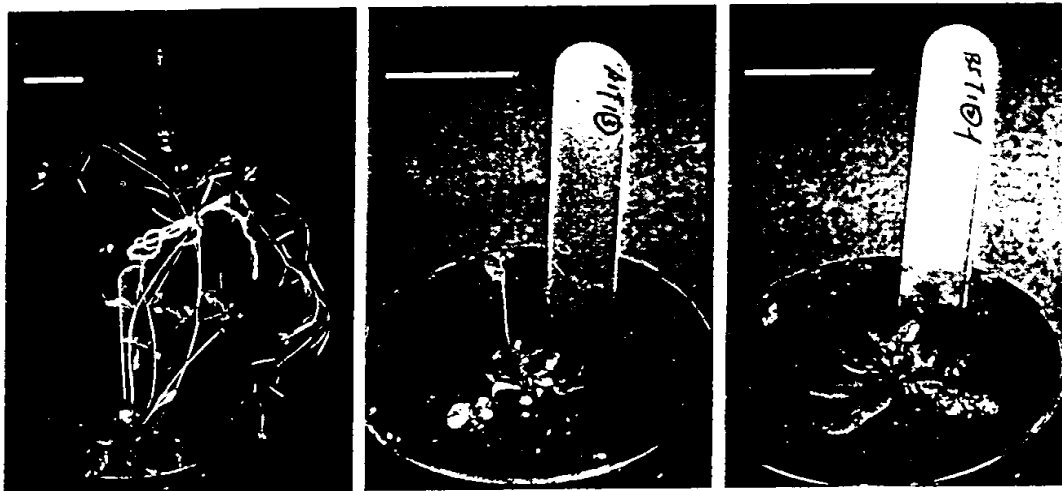


FIGURE 15



FIGURE 16

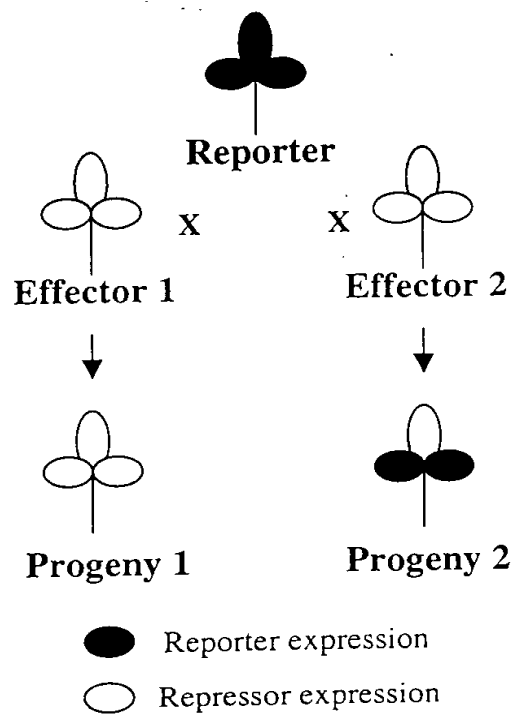
A



B



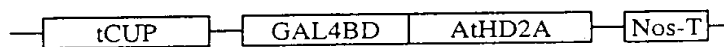
A



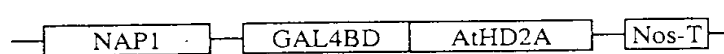
B

### Effector Plasmids

tCUP-GAL4/AtHD2A (Effector 1)



NAP1-GAL4/AtHD2A (Effector 2)



### Reporter Plasmid

UAS<sub>GAL4</sub>-tCUP-GUS (or UAS<sub>GAL4</sub>-35S-GUS)

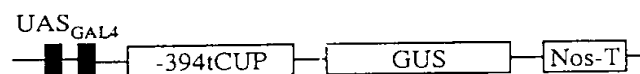
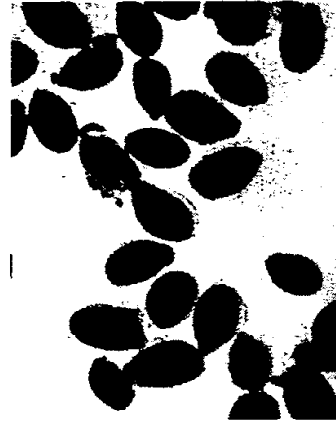
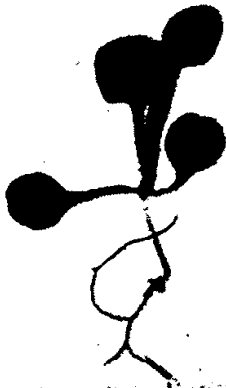


Figure 17

A



B



C

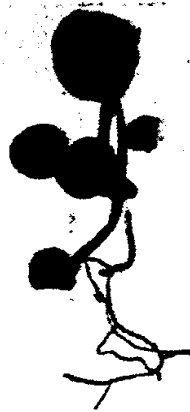


Figure 18

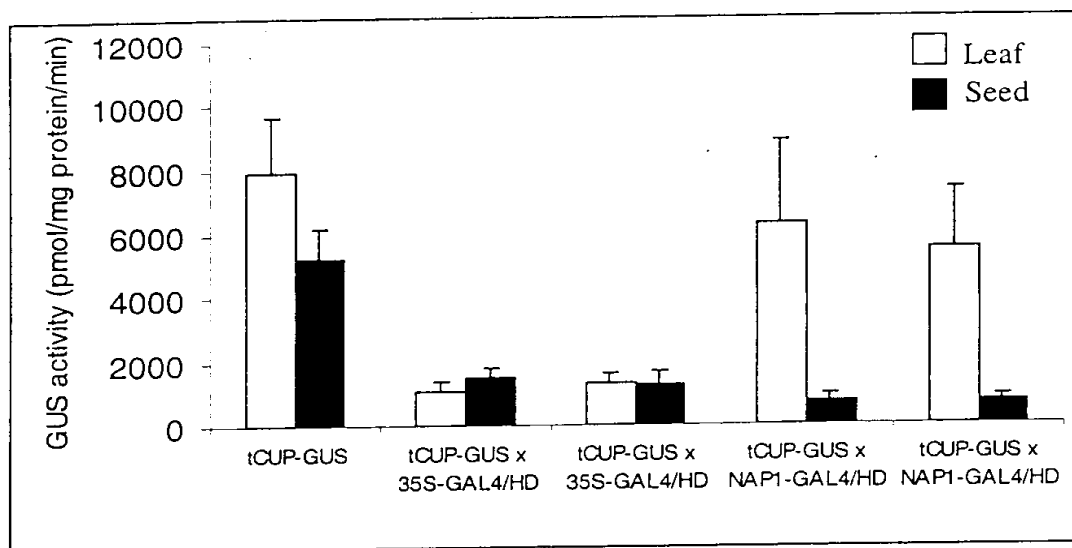


Figure 19(a)

# Tissue Florogenic Transient Expression Assay of Leaves

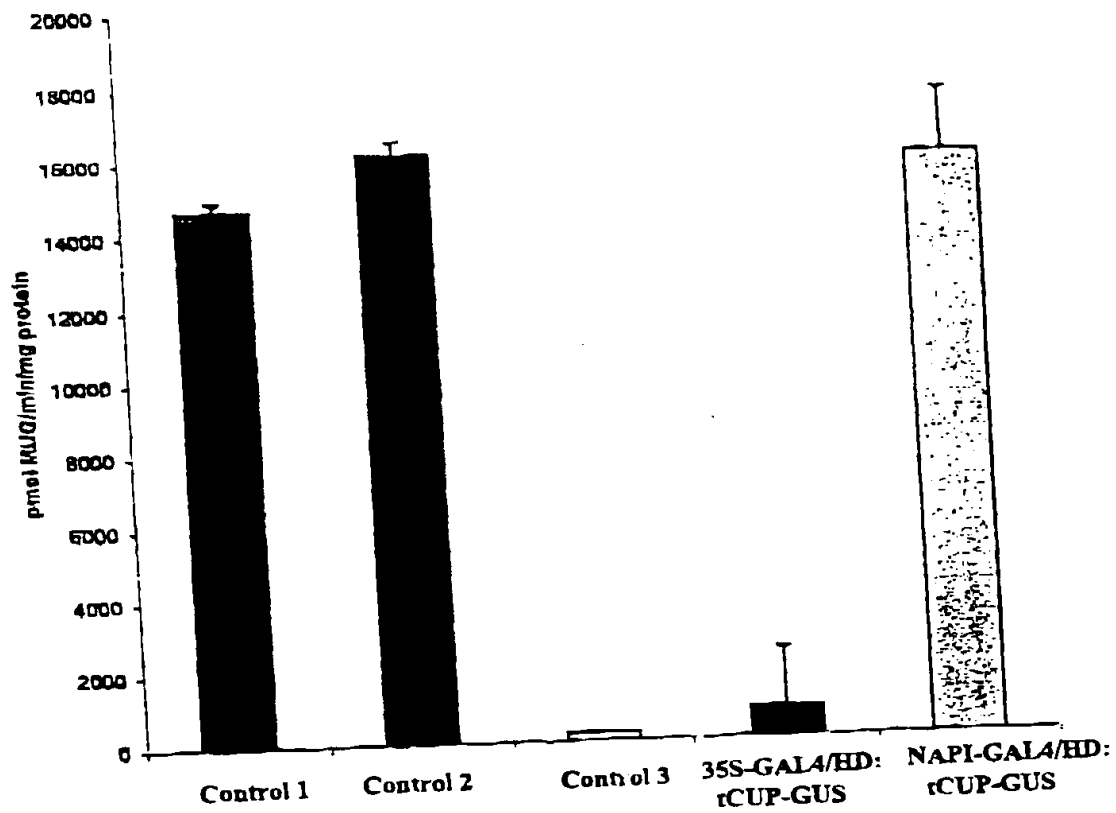


Figure 19(b)

# Tissue Florogenic Transient Expression Assay of Seeds

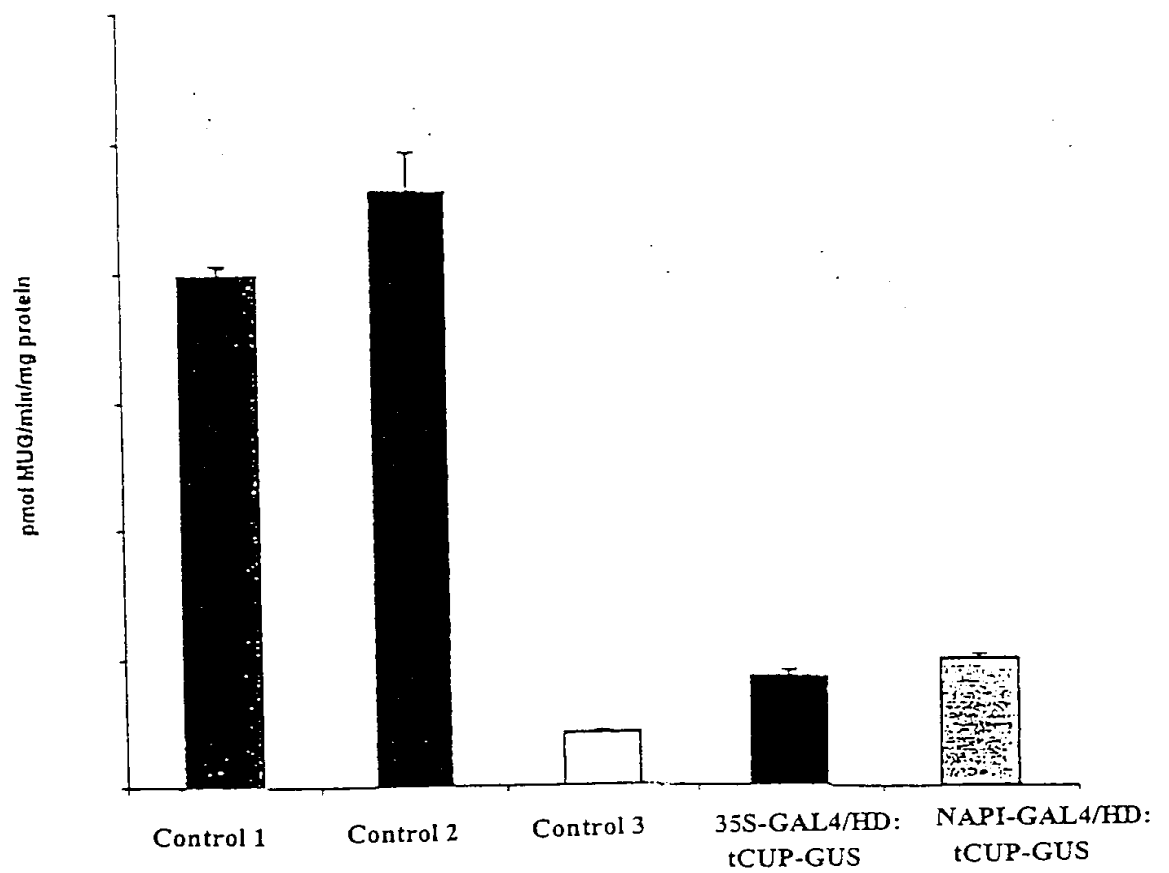
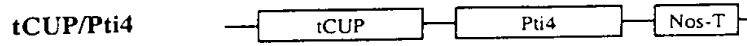
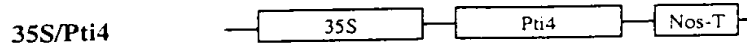


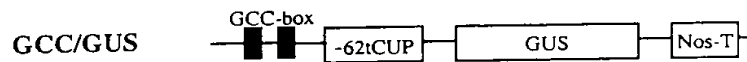
Figure 19(c)

**A**

**Effector Plasmids**



**Reporter Plasmid**



**B**

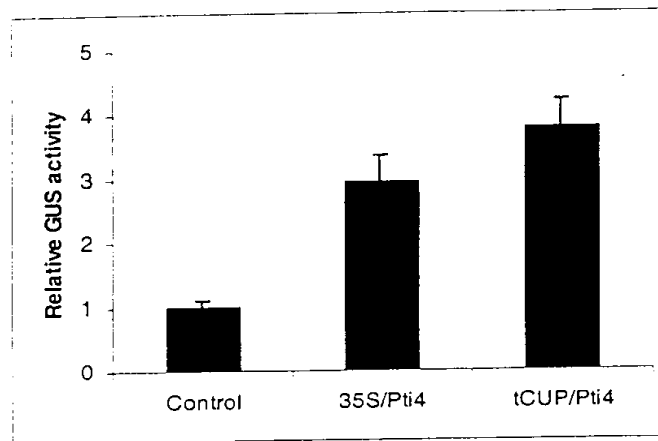


Figure 20

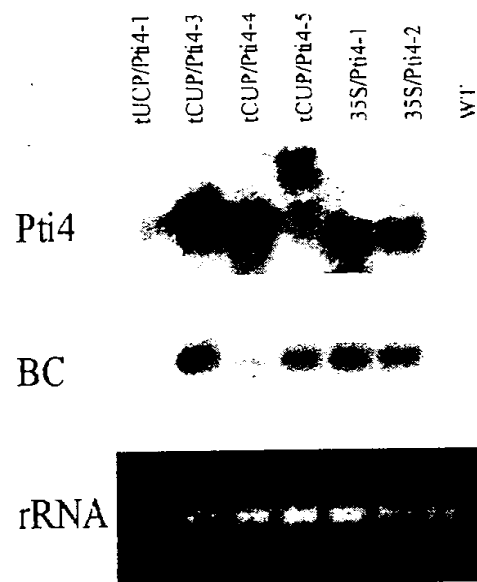


Figure 21

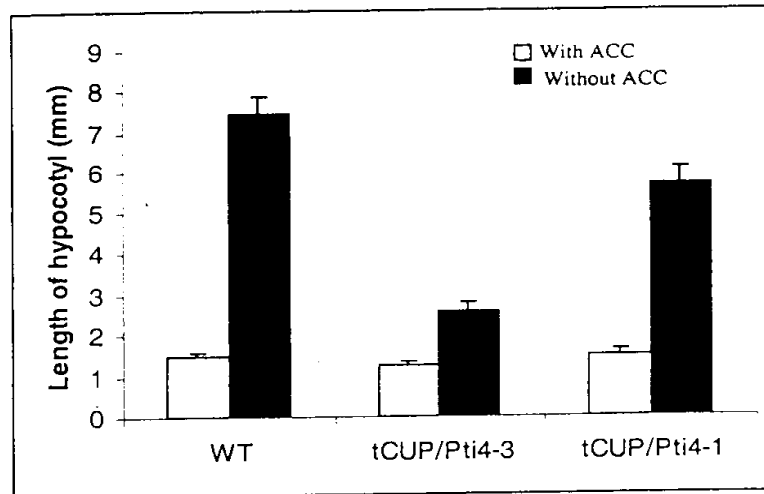


Figure 22

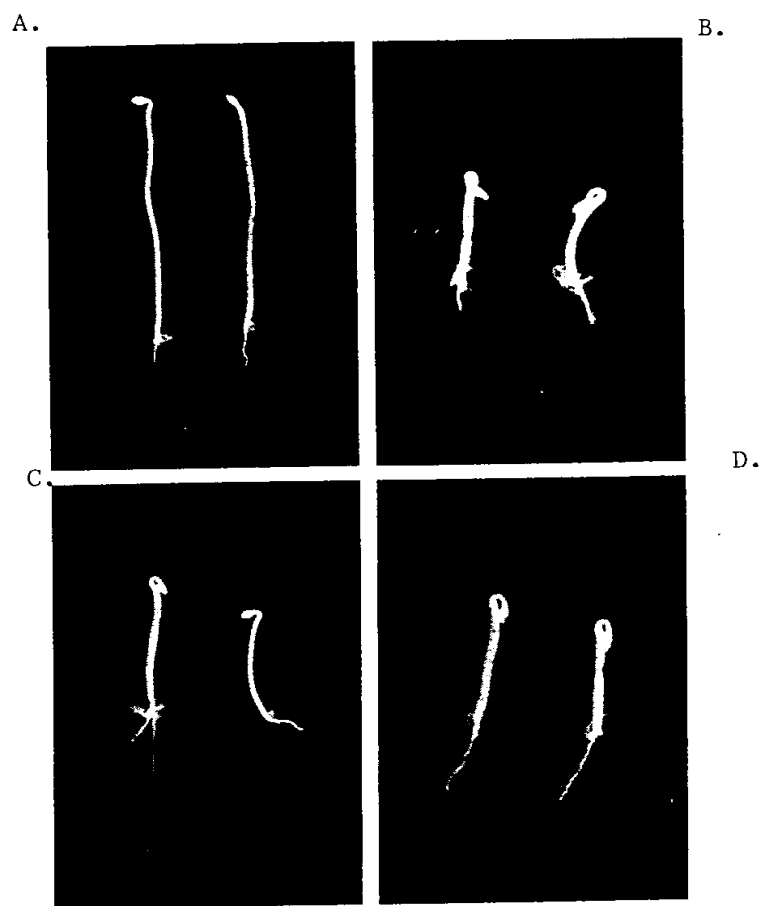


Figure 23

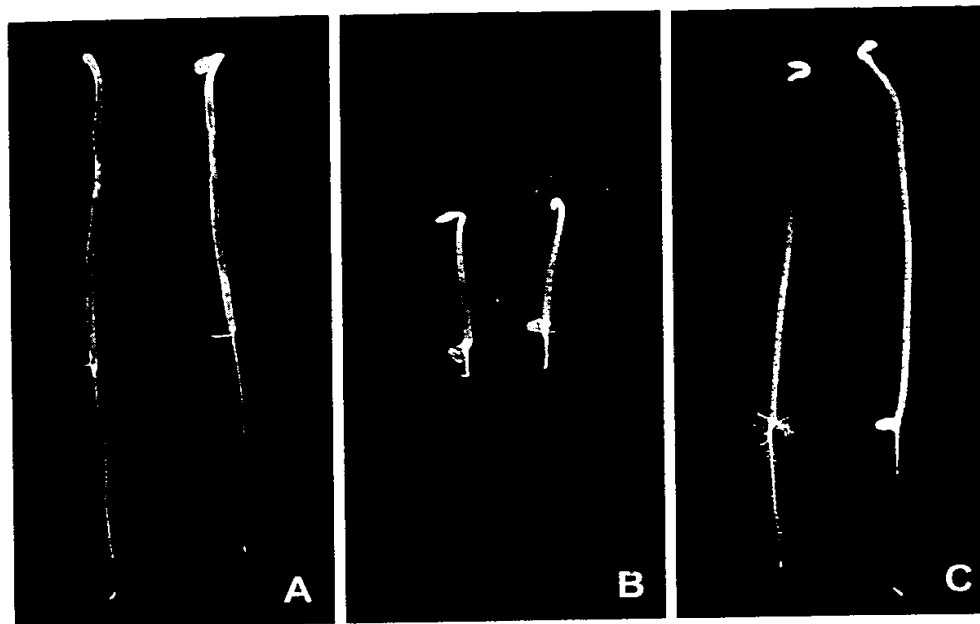


Figure 24